

Grow Sciences

Grow Sciences
Phoenix, AZ 85032
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(480) 442-5621
Lic. #00000114ESQS66067289


Sample: 2403LVL0426.2358

Secondary License: ; Chain of Distribution:
Strain: Garlic Gas; Batch#: C.RC240227BD.HYD; Batch Size: 11 g
Sample Received: 03/22/2024; Report Created: 04/01/2024; Expires: 04/01/2025
Sampling Date: 03/22/2024; Sampling Time: 9; Sampling Person: MZ
Harvest Date: 01/17/2024; Manufacturing Date: 02/27/2024

Garlic Gas Badder

Concentrates & Extracts, Live Resin, Butane



	74.94%	<LOQ	88.30%
	Total THC	Total CBD	
	51.73 mg/g	Not Tested NT	Total Cannabinoids
	Total Terpenes	Moisture	

Cannabinoids

Complete

Analyte	LOQ	Mass	Mass	Qualifier
	%	%	mg/g	
THCa	0.604	84.583	845.83	
Δ9-THC	0.604	0.760	7.60	
Δ8-THC	0.604	ND	ND	M1
THCVa	0.604	<LOQ	<LOQ	
THCV	0.604	ND	ND	
CBDa	0.604	<LOQ	<LOQ	
CBD	0.604	ND	ND	
CBDVa	0.604	ND	ND	
CBDV	0.604	ND	ND	
CBN	0.604	ND	ND	
CBGa	0.604	1.969	19.69	
CBG	0.604	<LOQ	<LOQ	
CBCa	0.604	0.989	9.89	Q3
CBC	0.604	ND	ND	
Total		88.300	883.00	Q3

Qualifiers:
Date Tested: 03/22/2024 07:00 am

Total THC = THCa * 0.877 + d9-THC
Total CBD = CBDa * 0.877 + CBD

The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Cannabinoid potency performed by HPLC-DAD per SOP-(1608). ADHS approved method for potency by HPLC-DAD for all listed analytes.

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Terpenes

Analyte	LOQ	Mass	MassQualifier	Analyte	LOQ	Mass	MassQualifier		
	mg/g	mg/g	%		mg/g	mg/g	%		
β-Caryophyllene	0.78	19.35	1.935	Q3	Citronellol	3.88	ND	Q3	
δ-Limonene	0.78	11.18	1.118	Q3	Eucalyptol	0.39	ND	Q3	
β-Myrcene	0.39	6.94	0.694	Q3	Farnesene	0.06	ND	Q3	
α-Humulene	0.39	6.75	0.675	Q3	Fenchone	0.78	<LOQ	<LOQ	Q3
Linalool	0.78	2.86	0.286	Q3	γ-Terpinene	0.39	<LOQ	<LOQ	Q3
α-Terpineol	0.63	1.35	0.135	Q3	γ-Terpineol	0.08	ND	ND	Q3
Fenchol	0.39	1.31	0.131	Q3	Geraniol	7.77	ND	ND	Q3
α-Bisabolol	0.39	1.13	0.113	Q3	Geranyl Acetate	0.39	ND	ND	Q3
α-Pinene	0.39	0.86	0.086	Q3	Guaiol	0.39	ND	ND	Q3
3-Carene	0.78	ND	ND	Q3	Isoborneol	3.88	ND	ND	Q3
α-Cedrene	0.39	ND	ND	Q3	Isopulegol	0.39	ND	ND	Q3
α-Phellandrene	0.39	<LOQ	<LOQ	Q3	Menthol	0.39	ND	ND	Q3
α-Terpinene	0.39	<LOQ	<LOQ	Q3	Nerol	0.39	ND	ND	Q3
β-Eudesmol	0.39	ND	ND	Q3	Pulegone	0.39	ND	ND	Q3
β-Pinene	0.78	<LOQ	<LOQ	Q3	p-Cymene	0.39	ND	ND	Q3
Borneol	1.16	<LOQ	<LOQ	Q3	Sabinene	0.39	ND	ND	Q3
Camphene	0.39	<LOQ	<LOQ	Q3	Sabinene Hydrate	0.39	ND	ND	Q3
Camphor	1.55	ND	ND	Q3	Terpinolene	0.78	<LOQ	<LOQ	Q3
Caryophyllene	0.39	ND	ND	Q3	trans-Nerolidol	0.39	ND	ND	Q3
Oxide	0.39	ND	ND	Q3	trans-Ocimene	0.26	ND	ND	Q3
Cedrol	0.39	ND	ND	Q3	Valencene	0.39	ND	ND	Q3
cis-Nerolidol	0.78	ND	ND	Q3					
cis-Ocimene	0.11	ND	ND	Q3					


Primary Aromas




Cinnamon




Lemon



Hops



Lavender



Pine

51.73 mg/g

Total Terpenes

Qualifiers:
Date Tested: 03/25/2024 12:00 am

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Residual Solvents

Pass

Analyte	LOQ	Limit	Mass	Status	Qualifier
	PPM	PPM	PPM		
Acetone	380.210	1000.000	ND	Pass	M1
Acetonitrile	154.560	410.000	ND	Pass	M1
Benzene	0.760	2.000	ND	Pass	
Butanes	2529.680	5000.000	ND	Pass	
Chloroform	22.770	60.000	ND	Pass	M1
Dichloromethane	231.360	600.000	ND	Pass	M1
Ethanol	1886.420	5000.000	ND	Pass	M1
Ethyl-Acetate	1888.210	5000.000	ND	Pass	M1
Ethyl-Ether	1880.840	5000.000	ND	Pass	
Heptane	1883.580	5000.000	ND	Pass	L1
Hexanes	108.580	290.000	ND	Pass	L1 M1
Isopropanol	1877.580	5000.000	ND	Pass	M1
Isopropyl-Acetate	1881.050	5000.000	ND	Pass	
Methanol	1125.680	3000.000	ND	Pass	M1
Pentanes	1893.260	5000.000	ND	Pass	L1 M1
Toluene	338.780	890.000	ND	Pass	
Xylenes	811.710	2170.000	ND	Pass	

LEVEL ONE

Qualifiers:
Date Tested: 03/25/2024 07:00 am

Performed by GCMS-HS per SOP-LM-014. Methods used per AZDHS R9-17-404.03 and solvent limits set by AZDHS R9-17 Table 3.1. ADHS approved method for residual solvents by GCMS-HS for all listed analytes.



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Garlic Gas Badder

Concentrates & Extracts, Live Resin, Butane



Pesticides

Pass

Analyte	LOQ	Limit	Units	Status	Qualifier	Analyte	LOQ	Limit	Units	Status	Qualifier
	PPM	PPM	PPM				PPM	PPM	PPM		
Abamectin	0.030	0.500	ND	Pass	M2	Hexythiazox	0.040	1.000	ND	Pass	M2
Acephate	0.040	0.400	ND	Pass	M2	Imazalil	0.040	0.200	ND	Pass	
Acetamiprid	0.040	0.200	ND	Pass	M2	Imidacloprid	0.040	0.400	ND	Pass	M2
Aldicarb	0.040	0.400	ND	Pass	M2	Kresoxim Methyl	0.040	0.400	ND	Pass	M2
Azoxystrobin	0.040	0.200	ND	Pass	M2	Malathion	0.040	0.200	ND	Pass	
Bifenazate	0.040	0.200	ND	Pass	M1	Metalaxyl	0.040	0.200	ND	Pass	
Bifenthrin	0.040	0.200	ND	Pass	M2	Methiocarb	0.040	0.200	ND	Pass	M2
Boscalid	0.040	0.400	ND	Pass	M2	Methomyl	0.040	0.400	ND	Pass	
Carbaryl	0.040	0.200	ND	Pass	M2	Myclobutanil	0.040	0.200	ND	Pass	M2
Carbofuran	0.040	0.200	ND	Pass	M2	Naled	0.040	0.500	ND	Pass	M2
Chlorantraniliprole	0.040	0.200	ND	Pass	L1 V1	Oxamyl	0.040	1.000	ND	Pass	
Chlorfenapyr	0.430	1.000	ND	Pass	M2	Pacllobutrazol	0.040	0.400	ND	Pass	M2
Chlorpyrifos	0.040	0.200	ND	Pass	M2	Permethrins	0.040	0.200	ND	Pass	M2
Clofentezine	0.040	0.200	ND	Pass	M2	Phosmet	0.040	0.200	ND	Pass	M2
Cyfluthrin	0.430	1.000	ND	Pass	M2	Piperonyl Butoxide	0.040	2.000	ND	Pass	
Cypermethrin	0.040	1.000	ND	Pass	M2	Prallethrin	0.040	0.200	ND	Pass	M2
Daminozide	0.430	1.000	ND	Pass	M2	Propiconazole	0.040	0.400	ND	Pass	M2
Dichlorvos (DDVP)	0.040	0.100	ND	Pass	M2	Propoxur	0.040	0.200	ND	Pass	
Diazinon	0.040	0.200	ND	Pass	M2	Pyrethrins	0.440	1.000	ND	Pass	M1 M2
Dimethoate	0.040	0.200	ND	Pass	M2	Pyridaben	0.040	0.200	ND	Pass	M2
Ethoprophos	0.040	0.200	ND	Pass	M2	Spinosad	0.040	0.200	ND	Pass	M2
Etofenprox	0.040	0.400	ND	Pass	M2	Spiromesifen	0.040	0.200	ND	Pass	M2
Etoxazole	0.040	0.200	ND	Pass	M2	Spirotetramat	0.040	0.200	ND	Pass	M2
Fenoxycarb	0.040	0.200	ND	Pass	M2	Spiroxamine	0.040	0.400	ND	Pass	
Fenpyroximate	0.040	0.400	ND	Pass	M2	Tebuconazole	0.040	0.400	ND	Pass	M2
Fipronil	0.040	0.400	ND	Pass	M2	Thiacloprid	0.040	0.200	ND	Pass	M2
Flonicamid	0.040	1.000	ND	Pass	M2	Thiamethoxam	0.040	0.200	ND	Pass	M2
Fludioxonil	0.040	0.400	ND	Pass	M2	Trifloxystrobin	0.040	0.200	ND	Pass	M2

Herbicides

Analyte	LOQ	Limit	Units	Status
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Qualifiers:

Date Tested: 03/27/2024 07:00 am
Performed by LCMSMS per SOP-LM-021 and SOP-LM-022. ND = Not Detected; NR = Not Reported. Methods used per AZDHS R9-17-404.03 and pesticide limits set by AZDHS R9-17 Table 3.1. ADHS approved method for pesticide testing by LCMSMS for full list effective 5/1/2021.



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Concentrates & Extracts, Live Resin, Butane



Mycotoxins

Pass

Total Ochratoxins Date Tested: 03/25/2024
Total Aflatoxins Date Tested: 03/25/2024

Analyte	LOQ	Limit	Units	Status	Qualifier
	µg/kg	µg/kg	µg/kg		
Total Aflatoxins (B1 B2 G1 and G2)	4.00	20.00	ND	Pass	
Total Ochratoxins (A and B)	2.00	20.00	3.86	Pass	

LEVEL ONE

TNTC = Too Numerous to Count. The lower limit of quantification for Aflatoxin is 4ppb and the lower limit of quantification for Ochratoxin is 2ppb unless noted on the CoA by further dilution. Unless otherwise stated all quality control samples performed within specifications. Analysis Method/Instrumentation: direct ELISA produced by Romer Labs and read on Bio-Tek 800TS microplate reader. Procedure followed SOP-LM-018. Methods used per AZDHS R9-17-404.03 and R9-17-404.04 and limits set by AZDHS R9-17 Table 3.1. ADHS approved method.



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Concentrates & Extracts, Live Resin, Butane



Microbials

Pass

Analyte	Result	Result Units	Status	Qualifier
E. Coli	<10	CFU/G	Pass	
Salmonella	Not Detected	in one gram	Pass	
Aspergillus terreus	Not Detected	in one gram	Pass	
Aspergillus fumigatus, Aspergillus flavus, and Aspergillus niger	Not Detected	in one gram	Pass	

Qualifiers:
Date Tested: 03/25/2024 12:00 am

TNTC = Too Numerous to Count. The lower limit of quantification for E. coli is 10 CFU/g unless noted on the CoA by further dilution. Unless otherwise stated all quality control samples performed within specifications. Analysis Method/Instrumentation: E. coli plating via 3M Petrifilm per SOP-LM-019, Salmonella spp. And Aspergillus spp. detection by Bio-Rad CFX96 Deep Well real-time PCR per SOP-LM-016 & SOP-LM-017. Methods used per AZDHS R9-17-404.04 and microbial limits set by AZDHS R9-17 Table 3.1. ADHS approved method for microbials for all listed organisms.



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Garlic Gas Badder

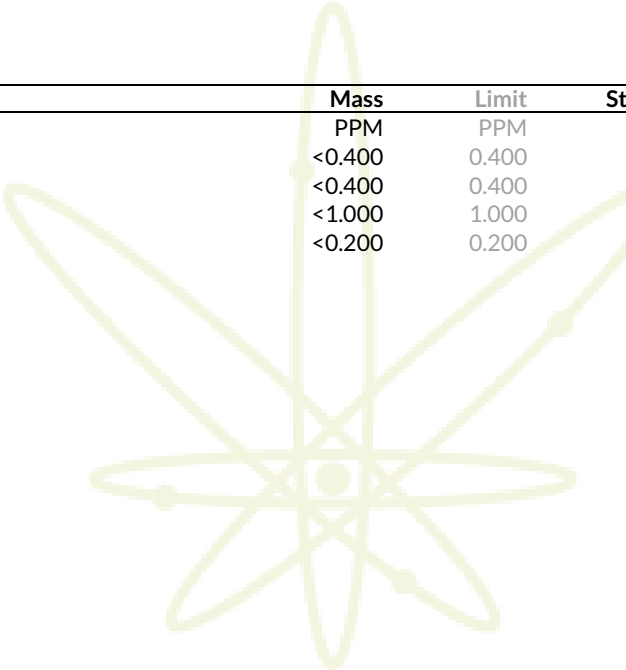
Concentrates & Extracts, Live Resin, Butane



Heavy Metals

Pass

Analyte	Mass PPM	Limit PPM	Status	Qualifier
Arsenic	<0.400	0.400	Pass	V1
Cadmium	<0.400	0.400	Pass	V1
Lead	<1.000	1.000	Pass	
Mercury	<0.200	0.200	Pass	



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